Common designation of Pipes

Grade 1	**(ASTM A252)**	
Minimum Yield Strength:	30,000 psi	
Maximum Yield Strength:	None	
Minimum Tensile Strength:	50,000 psi	
Note: This grade is a standard grade for ASTM A252. The specification covers the requirements for welded and seamless steel piling pipe.		
Grade 2	**(ASTM A252)**	
Minimum Yield Strength:	35,000 psi	
Maximum Yield Strength:	None	
Minimum Tensile Strength:	60,000 psi	
Note: This grade is a standard grade for ASTM A252. The specification covers the requirements for welded and seamless steel piling pipe.		
Grade 3	**(ASTM A252)**	
Minimum Yield Strength:	45,000 psi	
Maximum Yield Strength:	None	
Minimum Tensile Strength:	66,000 psi	
Note: This grade is a standard grade for ASTM A252. The specification covers the requirements for welded and seamless steel piling pipe.		
Grade A	**(ASTM A53, A523, API 5L PSL1)**	
Minimum Yield Strength:	30,000 psi	
Maximum Yield Strength:	None	
Minimum Tensile Strength:	48,000 psi	
Note: This grade may be used for standard pipe, line pipe, or conduit pipe as specified in the various ASTM and API specifications.		

Grade B	(ASTM A53, A523, API 5L PSL1)	API 5L PSL2
Minimum Yield Strength:	35,000 psi	35,000 psi
Maximum Yield Strength:	None	65,000 psi
Minimum Tensile Strength:	60,000 psi	60,000 psi
Maximum Tensile Strength:	None	110,000 psi
Note: This grade may be used for standard pipe, line pipe, or conduit pipe as specified in the various ASTM and API specifications.		
API 5L X42	**PSL1**	**PSL2**
Minimum Yield Strength:	42,000 psi	42,000 psi
Maximum Yield Strength:	None	72,000 psi
Minimum Tensile Strength:	60,000 psi	60,000 psi
Maximum Tensile Strength	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.		
API 5L X46	**PSL1**	**PSL 2**
Minimum Yield Strength:	46,000 psi	46,000 psi
Maximum Yield Strength:	None	76,000 psi
Minimum Tensile Strength:	63,000 psi	63,000 psi
Maximum Tensile Strength:	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.		

API 5L X52	**PSL1**	**PSL2**
Minimum Yield Strength:	52,000 psi	52,000 psi
Maximum Yield Strength:	None	77,000 psi
Minimum Tensile Strength:	66,000 psi	66,000 psi
Maximun Tensile Strength:	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.		
API 5L X56	**PSL1**	**PSL2**
Minimum Yield Strength:	56,000 psi	56,000 psi
Maximum Yield Strength:	None	79,000 psi
Minimum Tensile Strength:	71,000 psi	71,000 psi
Maximum Tensile Strength:	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.		
API 5L X60	**PSL1**	**PSL2**
Minimum Yield Strength:	60,000 psi	60,000 psi
Maximum Yield Strength:	None	82,000 psi
Minimum Tensile Strength:	75,000 psi	75,000 psi
Maximum Tensile Strength:	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.		

API 5L X65	**PSL1**	**PSL2**
Minimum Yield Strength:	65,000 psi	65,000 psi
Maximum Yield Strength:	None	87,000 psi
Minimum Tensile Strength:	77,000 psi	77,000 psi
Maximum Tensile Strength:	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.		
API 5L X70	**PSL1**	**PSL2**
Minimum Yield Strength:	70,000 psi	70,000 psi
Maximum Yield Strength:	None	90,000 psi
Minimum Tensile Strength:	82,000 psi	82,000 psi
Maximum Tensile Strength:	None	110,000 psi
Note: This is a standard line pipe grade specified in API (American Petroleum Institute) specification 5L.